		EMR	EMT	AEMT	INTERMEDIATE	PARAMEDIC
1	Preparatory	Uses simple knowledge of the EMS system, safety/well-being of the EMR, medical/legal issues at the scene of an emergency while awaiting a higher level of care.	Applies fundamental knowledge of the EMS system, safety/well-being of the EMT, medical/legal and ethical issues to the provision of emergency care.	Applies fundamental knowledge of the EMS system, safety/well-being of the AEMT, medical/legal and ethical issues to the provision of emergency care.	Same as previous level	Integrates comprehensive knowledge of EMS systems, the safety/well-being of the paramedic, and medical/legal and ethical issues which is intended to improve the health of EMS personnel, patients, and the community.
1 <b>A</b>	EMS Systems	Simple depth, simple breadth  • EMS systems  • Roles/ responsibilities/ professionalism of EMS personnel  • Quality improvement	EMR Material PLUS: Simple depth, foundational breadth • EMS systems • History of EMS • Roles/ responsibilities/ professionalism of EMS personnel • Quality improvement • Patient safety	EMT Material PLUS: Fundamental depth, foundational breadth • Quality improvement • Patient safety	Same as previous level	Intermediate Material PLUS: Fundamental depth, foundational breadth • History of EMS Complex depth, comprehensive breadth • EMS systems • Roles/ responsibilities/ professionalism of EMS personnel • Quality improvement • Patient safety
1B	Research	Simple depth, simple breadth Impact of research on EMR care Data collection	EMR Material PLUS: Simple depth, simple breadth • Evidence-based decision making	Same as Previous Level	Same as previous level	Intermediate Material PLUS: Fundamental depth, foundational breadth • Research principles to interpret literature and advocate evidence-based practice
1C	Workforce Safety and Wellness	Simple depth, simple breadth  Standard safety precautions  Personal protective equipment  Stress management  Dealing with death and dying  Prevention of response related injuries  Lifting and moving patients	EMR Material PLUS: Fundamental depth, foundational breadth • Standard safety precautions • Personal protective equipment • Stress management o Dealing with death and dying • Prevention of work related injuries • Lifting and moving patients • Disease transmission • Wellness principles	Same as Previous Level	Same as previous level	Intermediate Material PLUS: Complex depth, comprehensive breadth Provider safety and wellbeing Standard safety precautions Personal protective equipment Stress management Dealing with death and dying Prevention of work related injuries Lifting and moving patients Disease transmission Wellness principles

		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as previous level	Intermediate Material PLUS:
		Recording patient findings	Fundamental depth,	Complex depth, foundational		Complex depth, comprehensive
4 D	Documentation		foundational breadth	breadth		breadth
יטו	Documentation		Principles of medical	Principles of medical		<ul> <li>Principles of medical</li> </ul>
			documentation and report	documentation and report		documentation and report
			writing	writing		writing
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as previous level	Intermediate Material PLUS:
		Communication needed to	Simple depth, simple breadth	Fundamental depth,		Complex depth, comprehensive
		Call for Resources	EMS communication system	foundational breadth		breadth
4 =	EMS System	Transfer care of the patient	Communication with other	EMS communication system		<ul> <li>EMS communication system</li> </ul>
15	Communication	Interact within the team	health care professionals	Communication with other		<ul> <li>Communication with other</li> </ul>
		structure	Team communication and	health care professionals		health care professionals
			dynamics	Team communication and		<ul> <li>Team communication and</li> </ul>
				dynamics		dynamics
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as previous level	Intermediate Material PLUS:
		Principles of communicating	Simple depth, simple breadth	Simple depth, simple breadth		Complex depth, comprehensive
		with patients in a manner that	Principles of communicating	Principles of communicating		breadth
		achieves a positive relationship	with patients in a manner that	with patients in a manner that		Principles of communicating
		Interviewing techniques	achieves a positive relationship	achieves a positive relationship		with patients in a manner that
			Adjusting communication	Dealing with difficult patients		achieves a positive relationship
	Therapeutic		strategies for age, stage of			Factors that affect
1F	Communication		development, patients with			communication
	Communication		special needs, and differing			<ul> <li>Interviewing techniques</li> </ul>
			cultures			<ul> <li>Dealing with difficult patients</li> </ul>
			Fundamental depth,			<ul> <li>Adjusting communication</li> </ul>
			foundational breadth			strategies for age, stage of
			Interviewing techniques			development, patients with
			Verbal defusing strategies			special needs, and differing
			Family presence issues			cultures
		Simple depth, simple breadth	EMR Material PLUS:	Same as Previous Level	AEMT Material PLUS:	Intermediate Material PLUS:
		Consent/refusal of care	Fundamental depth,		Complex depth, comprehensive	Complex depth, comprehensive
		Confidentiality	foundational breadth		breadth	breadth
		Advance Directives	Consent/refusal of care		Consent/refusal of care	Consent/refusal of care
		Tort and criminal actions	Confidentiality		Confidentiality	Confidentiality
		Evidence preservation	Advance Directives		Advance Directives	Advance Directives
		Statutory responsibilities	Tort and criminal actions		Tort and criminal actions	Tort and criminal actions
1G	Medical/Legal and	Mandatory reporting	Evidence preservation		Statutory responsibilities	Statutory responsibilities
	Ethics	• Ethical principles/moral	Statutory responsibilities		Mandatory reporting	Mandatory reporting
		obligations	Mandatory reporting		Health care regulation	Health care regulation
		End-of-life issues	• Ethical principles/moral		Patient rights/advocacy	Patient rights/advocacy
			obligations		• End-of-life Issues	• End-of-life Issues
					Ethical principles/moral	• Ethical principles/moral
					obligations  • Ethical tests and decision	obligations  • Ethical tests and decision
ŀ					making	making
L						

2	Anatomy and Physiology	Uses simple knowledge of the anatomy and function of the upper airway, heart, vessels, blood, lungs, skin, muscles, and bones as the foundation of emergency care.	Applies fundamental knowledge of the anatomy and function of all human systems to the practice of EMS.	Integrates complex knowledge of the anatomy and physiology of the airway, respiratory and circulatory systems to the practice of EMS.	Integrates complex knowledge of the anatomy and physiology of the airway, respiratory, circulatory, muscular skeletal, nervous, integumentary, endocrine, and digestive systems as well as a fundamental appreciation of the immune system to the practice of EMS.	Integrates a complex depth and comprehensive breadth of knowledge of the anatomy and physiology of all human systems
3	Medical Terminology	Uses simple medical and anatomical terms.	Uses foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.	Same as Previous Level	Uses foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals consistent with the systems described in A&P.	Integrates comprehensive anatomical and medical terminology and abbreviations into the written and oral communication with colleagues and other health care professionals.
4	Pathophysiology	Uses simple knowledge of shock and respiratory compromise to respond to life threats.	Applies fundamental knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.	Applies comprehensive knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.	Applies comprehensive knowledge of the pathophysiology of respiration and perfusion to patient assessment. This includes management as well as a foundational appreciation for the other body systems included for this level.	Integrates comprehensive knowledge of pathophysiology of major human systems.
5	Life Span Development	Uses simple knowledge of age related differences to assess and care for patients.	Applies fundamental knowledge of life span development to patient assessment and management.	Same as Previous Level	Same as Previous Level	Integrates comprehensive knowledge of life span development.
6	Public Health	Have an awareness of local public health resources and the role EMS personnel play in public health emergencies.	Uses simple knowledge of the principles of illness and injury prevention in emergency care.	Uses simple knowledge of the principles of the role of EMS during public health emergencies.	Same as Previous Level	Applies fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.

		Uses simple knowledge of the	Applies fundamental	Applies to patient assessment	Applies comprehensive	Integrates comprehensive
		medications that the EMR	knowledge of the medications	and management fundamental	knowledge of pharmacology to	knowledge of pharmacology to
_		may self-administer or	that the EMT may	knowledge of the medications	formulate a treatment plan	formulate a treatment plan
7	Pharmacology	administer to a peer in an	assist/administer to a patient	carried by AEMTs that may	intended to mitigate	intended to mitigate
		emergency.	during an emergency.	be administered to a patient	emergencies and improve the	emergencies and improve the
			Jermig an emergency:	during an emergency.	overall health of the patient.	overall health of the patient.
		No knowledge related to this	Simple depth, simple breadth	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
		competency is applicable at	Medication safety	Fundamental depth, foundation	Complex depth, comprehensive	Complex depth, comprehensive
		this level.	Kinds of medications used	breadth	breadth)	breadth)
			during an emergency	Medication safety	Medication safety	Medication safety
			adming an emongency	Medication legislation	Medication legislation	Medication legislation
				Naming	Naming	Naming
				Classifications	Classifications	Classifications
				Storage and security	• Schedules	Schedules
	Principles of			Autonomic pharmacology	Pharmacokinetics	Pharmacokinetics
7A	Pharmacology			Metabolism and excretion	Storage and security	Storage and security
	. Hamassisgy			Mechanism of action	Autonomic pharmacology	Autonomic pharmacology
				Medication response	Metabolism and excretion	Metabolism and excretion
				relationships	Mechanism of action	Mechanism of action
				Medication interactions	Phases of medication activity	Phases of medication activity
				Toxicity	Medication response	Medication response
				· chicky	relationships	relationships
					Medication interactions	Medication interactions
					Toxicity	Toxicity
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
		Within the scope of practice of	Fundamental depth,	Fundamental depth,	Complex depth, comprehensive	Complex depth, comprehensive
		the EMR, how to • Self-	foundational breadth Within the	foundational breadth	breadth	breadth
7B	Medication Administration	administer medication	scope of practice of the EMT how	Routes of administration	Routes of administration	Routes of administration
	Administration	Peer-administer medication	to	Within the scope of practice	Within the scope of practice	Within the scope of practice
			Assist/administer	of the AEMT, administer	of the intermediate, administer	of the paramedic, administer
			medications to a patient	medications to a patient	medications to a patient	medications to a patient
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as Previous Level	Intermediate Material PLUS:
		Within the scope of practice of	Fundamental depth, simple	Fundamental depth,		Complex depth, comprehensive
		the EMR	breadth within the scope of	foundational breadth within the		breadth within the scope of
		Names	practice of the EMT	scope of practice of the AEMT		practice of the paramedic
		Effects	Names	Names		Names
		• Indications	• Actions	Actions		Actions
	Emergency	Routes of administration	• Indications	Indications		Indications
7C	Medications	Dosages for the medications	Contraindications	Contraindications		Contraindications
		administered	Complications	Complications		Complications
			Routes of administration	Routes of administration		Routes of administration
			Side effects	• Side effects		Side effects
			• Interactions	• Interactions		• Interactions
			Dosages for the medications	Dosages for the medications		Dosages for the medications
			administered	administered		administered

		Applies knowledge	Applies knowledge	Applies knowledge	Applies complex knowledge	Integrates complex knowledge
		(fundamental depth,	(fundamental depth,	(fundamental depth.	of anatomy, physiology, and	of anatomy, physiology, and
		foundational breadth) of	foundational breadth) of	foundational breadth) of	pathophysiology into the	pathophysiology into the
	Airway	general anatomy and	general anatomy and	additional upper airway	assessment to develop and	assessment to develop and
	Management,	,	physiology to patient	anatomy and physiology to	implement a treatment plan	implement a treatment plan
	Respiration and		assessment and management	patient assessment and	with the goal of assuring a	with the goal of assuring a
_	Artificial		· ·	II.		
			in order to assure a patent	management in order to	patent airway, adequate	patent airway, adequate
	Ventilation	while awaiting additional	airway, adequate mechanical	assure a patent airway,	mechanical ventilation, and	mechanical ventilation, and
			ventilation, and respiration	adequate mechanical	respiration for patients of all	respiration for patients of all
		all ages.	for patients of all ages.	ventilation, and respiration	ages.	ages.
			EMB M + 1 I BILLIO	for patients of all ages.	A E A E A A A A A A A A A A A A A A A A	
		Fundamental depth, simple	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
		breadth	Fundamental depth,	Fundamental depth,	Complex depth, comprehensive	Complex depth, comprehensive
		the state of the s	foundational breadth	foundational breadth	breadth	breadth
	Airway	the EMR	Within the scope of practice of	Within the scope of practice of	Within the scope of practice of	Within the scope of practice of
A8	Management	Airway anatomy	the EMT	the AEMT	the intermediate	the paramedic
		Airway assessment	Airway anatomy	Airway anatomy	Airway anatomy	Airway anatomy
		Techniques of assuring a	Airway assessment	Airway assessment	Airway assessment	Airway assessment
		patent airway	Techniques of assuring a	Techniques of assuring a	Techniques of assuring a	Techniques of assuring a
			patent airway	patent airway	patent airway	patent airway
		Fundamental depth, simple	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS: (SAP)	Intermediate Material PLUS:
			Fundamental depth,	Complex depth, foundational	Complex depth, comprehensive	Complex depth, comprehensive
		Anatomy of the respiratory	foundational breadth	breadth	breadth	breadth
		system	Anatomy of the respiratory	Anatomy of the respiratory	Anatomy of the respiratory	Anatomy of the respiratory
		Physiology and	system	system	system	system
		pathophysiology of	Physiology and	Fundamental depth,	Physiology, and	Physiology, and
		respiration	pathophysiology of	comprehensive breadth	pathophysiology of	pathophysiology of
		o Pulmonary ventilation	respiration	Physiology and	respiration	respiration
		o Oxygenation	o Pulmonary ventilation	pathophysiology of	o Pulmonary ventilation	o Pulmonary ventilation
		· ·	o Oxygenation	respiration	o Oxygenation	o Oxygenation
8B	Respiration	□ External	o Respiration	o Pulmonary ventilation	o Respiration	o Respiration
-		□ Internal	□ External	o Oxygenation	□ External	□ External
		□ Cellular	□ Internal	o Respiration	□ Internal	□ Internal
		Assessment and management		□ External	Cellular	□ Cellular
		of adequate and inadequate	Assessment and management	□ Internal	Assessment and management	Assessment and management
		respiration	of adequate and inadequate	□ Cellular	of adequate and inadequate	of adequate and inadequate
		Supplemental oxygen	respiration	Assessment and management	· · · · ·	respiration
		therapy	Supplemental oxygen therapy	of adequate and inadequate	Supplemental oxygen therapy	Supplemental oxygen therapy
				respiration		
				Supplemental oxygen therapy		

8C	Artificial Ventilation	breadth Assessment and management of adequate and inadequate ventilation • Artificial ventilation • Minute ventilation • Alveolar ventilation • Effect of artificial ventilation	Fundamental depth, foundational breadth Assessment and management of adequate and inadequate	EMT Material PLUS: Complex depth, foundational breadth Assessment and management of adequate and inadequate ventilation • Artificial ventilation • Minute ventilation • Alveolar ventilation • Effect of artificial ventilation on cardiac output	AEMT Material PLUS: Complex depth, comprehensive breadth Assessment and management of adequate and inadequate ventilation • Artificial ventilation • Minute ventilation • Alveolar ventilation • Effect of artificial ventilation on cardiac output	Intermediate Material PLUS: Complex depth, comprehensive breadth Assessment and management of adequate and inadequate ventilation • Artificial ventilation • Minute ventilation • Alveolar ventilation • Effect of artificial ventilation on cardiac output
9	Assessment	findings to identify and	Applies scene information and patient assessment findings (scene size up, primary and secondary assessment, patient history, and reassessment) to guide emergency management.	Same as Previous Level	Applies scene and patient assessment findings with knowledge of pathophysiology to form a field impression. This includes developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.	Integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. This includes developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.
9 <b>A</b>	Scene Size-Up	Complex depth, comprehensive breadth • Scene safety Fundamental depth, foundational breadth • Scene management o Impact of the environment on patient care o Addressing hazards o Violence o Need for additional or specialized resources o Standard precautions	EMR Material PLUS: Fundamental depth, foundational breadth • Scene management o Multiple patient situations	Same as Previous Level	AEMT Material PLUS: Complex depth, comprehensive breadth • Scene management o Impact of the environment on patient care o Addressing hazards o Violence o Multiple patient situations	Intermediate Material PLUS: Complex depth, comprehensive breadth • Scene management o Impact of the environment on patient care o Addressing hazards o Violence o Multiple patient situations

		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as Previous Level	Intermediate Material PLUS:
		Primary assessment for all	Fundamental depth, simple	Fundamental depth,		Complex depth, comprehensive
		patient situations	breadth	foundational breadth		breadth
		o Level of consciousness	Primary assessment for all	Primary assessment for all		Primary assessment for all
		o ABCs	patient situations	patient situations		patient situations
		o Identifying life threats	o Initial general impression	o Initial general impression		o Initial general impression
٥Đ	Primary	o Assessment of vital	o Level of consciousness	o Level of consciousness		o Level of consciousness
90	Assessment	functions	o ABCs	o ABCs		o ABCs
		Begin interventions needed	o Identifying life threats	o Identifying life threats		o Identifying life threats
		to preserve life	o Assessment of vital	o Assessment of vital		o Assessment of vital
			functions	functions		functions
			Integration of treatment/	Integration of treatment/		Integration of treatment/
				procedures needed to		procedures needed to preserve
				preserve life		life
		Simple depth, simple breadth		Same as Previous Level	AEMT Material PLUS:(SAP)	Intermediate Material PLUS:
		Determining the chief	Fundamental depth,		Complex depth, comprehensive	Complex depth, comprehensive
		complaint	foundational breadth		breadth	breadth
		Mechanism of injury/nature	Investigation of the chief		Components of the patient	Components of the patient
		of illness	complaint		history	history
90	History Taking	Associated signs and	Mechanism of injury/nature		Interviewing techniques	Interviewing techniques
		symptoms	of illness		How to integrate therapeutic	How to integrate therapeutic
			Past medical history		communication techniques	communication techniques
			Associated signs and		and adapt the line of inquiry	and adapt the line of inquiry
			symptoms		based on findings and presentation	based on findings and presentation
		Simple depth, simple breadth	Pertinent negatives     EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS: (SAP)	Intermediate Material PLUS:
		Performing a rapid full body		Complex depth, foundational	Complex depth, comprehensive	Complex depth, comprehensive
		scan	the state of the s	breadth	breadth	breadth
		Focused assessment of pain		Assessment of	Techniques of physical	Techniques of physical
		Assessment of vital signs	examination	• Lung sounds	examination for all major	examination for all major
	Secondary	7 to cocomon or vitar digno	Respiratory system	Lang obtained	Body systems	Body systems
9D	Assessment		o Presence of breath		Anatomical regions	Anatomical regions
	7.00000		sounds		, materinean regione	, matermedi regione
			Cardiovascular system			
			Neurological system			
			Musculoskeletal system			
			All anatomical regions			

9E	Monitoring Devices	No knowledge related to this competency is applicable at this level.	Blood glucose determination		AEMT Material PLUS: Fundamental depth, foundational breadth Within the scope of practice of the Intermediate • Obtaining and using information from patient monitoring devices including (but not limited to): o Continuous ECG monitoring o 12 lead ECG interpretation o Carbon dioxide monitoring o Basic blood chemistry	Intermediate Material PLUS: Fundamental depth, foundational breadth Within the scope of practice of the paramedic • Obtaining and using information from patient monitoring devices including (but not limited to): o Continuous ECG monitoring o 12 lead ECG interpretation o Carbon dioxide monitoring o Basic blood chemistry
9F	Reassessment	Simple depth, simple breadth  How and when to reassess patients	EMR Material PLUS: Fundamental depth, foundational breadth • how and when to perform a reassessment for all patient situations	Same as Previous Levels	AEMT Material PLUS: Complex depth, comprehensive breadth • How and when to perform a reassessment for all patient situations	Intermediate Material PLUS: Complex depth, comprehensive breadth • How and when to perform a reassessment for all patient situations
10	Medicine	Recognizes and manages life threats based on assessment findings of a patient with a medical emergency while awaiting additional emergency response.	Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.	Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely ill patient.	Applies assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint.	Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint.
10 <b>A</b>	Medical Overview	Simple depth, simple breadth Assessment and management of a • Medical complaint	EMR Material PLUS: Simple depth, foundational breadth Pathophysiology, assessment, and management of a medical complaints to include • Transport mode • Destination decisions	EMT Material PLUS: Fundamental depth, foundational breadth Pathophysiology, assessment, and management of a medical complaints to include • Transport mode • Destination decisions	Same as Previous Level	Intermediate Material PLUS: Complex depth, comprehensive breadth Pathophysiology, assessment, and management of medical complaints to include Transport mode Destination decisions

		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEM I Material PLUS:	Intermediate Material PLUS:
		Anatomy, presentations, and	Fundamental depth,	Complex depth, foundational	Anatomy, physiology,	Anatomy, physiology,
		management of	foundational breadth	breadth	pathophysiology,	epidemiology, pathophysiology,
		Decreased level of	Anatomy, physiology,	Anatomy, physiology,	psychosocial impact,	psychosocial impact,
		responsiveness	pathophysiology, assessment	pathophysiology, assessment	presentations, prognosis, and	presentations, prognosis, and
		Seizure	and management of	and management of	management of	management of
		Stroke	Stroke/ transient ischemic	Seizure	Fundamental depth,	Complex depth, comprehensive
			attack		comprehensive	breadth
			Seizure		breadth	<ul> <li>Stroke/intracranial</li> </ul>
			Status epilepticus		Stroke/intracranial	hemorrhage/transient
			Headache		hemorrhage/transient	ischemic attack
					ischemic attack	Seizure
					Seizure	<ul> <li>Status epilepticus</li> </ul>
10B	Neurology				Status epilepticus	Headache
100	rveurology				Headache	Fundamental depth,
					Fundamental depth,	foundational breadth
					foundational breadth	Dementia
					Dementia	Neoplasms
					Neurologic inflammation/	<ul> <li>Demyelinating disorders</li> </ul>
					infection	<ul> <li>Parkinson's disease</li> </ul>
					<ul> <li>Wernicke's encephalopathy</li> </ul>	<ul> <li>Cranial nerve disorders</li> </ul>
						<ul> <li>Movement disorders</li> </ul>
						<ul> <li>Neurologic inflammation/</li> </ul>
						infection
						<ul> <li>Spinal cord compression</li> </ul>
						Hydrocephalus
						<ul> <li>Wernicke's encephalopathy</li> </ul>

		Simple depth, simple breadth	EMR Material PLUS:	Same as Previous Level	Same as Previous Level	Intermediate Material PLUS:
		Anatomy, presentations and	Fundamental depth,			Anatomy, physiology,
		management of shock	foundational breadth			epidemiology, pathophysiology,
		associated	Anatomy, physiology,			psychosocial impact,
		with abdominal emergencies	pathophysiology, assessment,			presentations, prognosis, and
		Gastrointestinal bleeding	and management of			management of
			Acute and chronic			Complex depth, comprehensive
			gastrointestinal hemorrhage			breadth
			Simple depth, simple breadth			Acute and chronic
			Peritonitis			gastrointestinal hemorrhage
			Ulcerative diseases			Liver disorders
						Peritonitis
						Ulcerative diseases
	Abdominal and					Fundamental depth,
10C	Gastrointestinal					foundational breadth
	Disorders					<ul> <li>Irritable bowel syndrome</li> </ul>
						<ul> <li>Inflammatory disorders</li> </ul>
						Pancreatitis
						Bowel obstruction
						Hernias
						Infectious disorders
						<ul> <li>Gall bladder and biliary tract</li> </ul>
						disorders
						Simple depth, simple breadth
						Rectal abscess
						Rectal foreign body
						obstruction
						Mesenteric ischemia
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	Same as Previous Level	Intermediate Material PLUS:
		Recognition and management	Fundamental depth,	Complex depth, comprehensive		Anatomy, physiology,
		of	foundational breadth	breadth		epidemiology, pathophysiology,
		shock and difficulty breathing	Anatomy, physiology,	Anatomy, physiology,		psychosocial impact,
		related to	pathophysiology, assessment,	pathophysiology, assessment,		presentations, prognosis, and
		Anaphylactic reactions	and management of	and management of		management of common or
			hypersensitivity disorders and/or	hypersensitivity disorders and/or		major immune system disorders
			emergencies	emergencies		and/or emergencies
			Anaphylactic reactions	Allergic and anaphylactic		Complex depth, comprehensive
40D	Immunology			reactions		breadth
שטו	immunology					Hypersensitivity
						Allergic and anaphylactic
						reactions
						Anaphylactoid reactions
						Fundamental depth,
						foundational breadth
						Collagen vascular disease
						Transplant related problems

		Simple depth, simple breadth	EMR Material PLUS:	AEMT Material PLUS:	Same as Previous Level	Intermediate Material PLUS:
		The second secon	Simple depth, simple breadth	Fundamental depth,		Anatomy, physiology,
			Assessment and management of	foundational breadth		epidemiology, pathophysiology,
		infectious disease	A patient who may have an	Assessment and management		psychosocial impact, reporting
		How to decontaminate	infectious disease	of		requirements, prognosis, and
		equipment after treating a	How to decontaminate the	A patient who may be		management of
			ambulance and equipment	infected with a bloodborne		Complex depth, comprehensive
		and the second s	after treating a patient	pathogen		breadth
			3 1	o HIV		HIV-related disease
				o Hepatitis B		Hepatitis
				Antibiotic resistant infections		Pneumonia
				Current infectious diseases		Meningococcal meningitis
				prevalent in the community		Fundamental depth,
10E	Infectious Diseases					foundational breadth
						Tuberculosis
						Tetanus
						Viral diseases
						Sexually transmitted disease
						Gastroenteritis
						Fungal infections
						Rabies
						Scabies and lice
						Lyme disease
						Rocky Mountain Spotted
						Fever
						Antibiotic resistant infections
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
			Fundamental depth,	Complex depth, foundational	Anatomy, physiology,	Anatomy, physiology,
		Diabetic emergencies cause	foundational breadth	breadth	pathophysiology,	epidemiology, pathophysiology,
		S .	Anatomy, physiology,	Anatomy, physiology,	psychosocial impact,	psychosocial impact,
			pathophysiology, assessment	pathophysiology, assessment	presentations, and	presentations, prognosis, and
			and management of	and management of	management of	management of
			Acute diabetic emergencies	Acute diabetic emergencies	Complex depth, comprehensive	Complex depth, comprehensive
405	Endocrine		Ü		breadth	breadth
10F	Disorders				Acute diabetic emergencies	Acute diabetic emergencies
					Diabetes	Diabetes
						Fundamental depth,
						foundational breadth
						Adrenal disease
						Pituitary and thyroid
						disorders

		a la calle de la c	EMR Material PLUS:	Same as Previous Level	Fundamental depth, breadth	Intermediate Material PLUS:
		Recognition of	Simple depth, simple breadth		Basic principles of the mental	Anatomy, physiology,
		<ul> <li>Behaviors that pose a risk to</li> </ul>	<ul> <li>Basic principles of the mental</li> </ul>		health system	epidemiology, pathophysiology,
		the EMR, patient or others	health system		Assessment and management of	psychosocial impact,
			Fundamental depth,		Acute psychosis	presentations, prognosis, and
			foundational breadth		Suicidal/risk	management of
			Assessment and management of		Agitated delirium	Complex depth, comprehensive
			Acute psychosis		Commonly prescribed psychiatric	breadth
			Suicidal/risk		medications	Acute psychosis
			Agitated delirium			Agitated delirium
						Fundamental depth,
						foundational breadth
10G	Psychiatric					Cognitive disorders
						Thought disorders
						Mood disorders
						Neurotic disorders
						<ul> <li>Substance-related disorders /</li> </ul>
						addictive behavior
						Somatoform disorders
						<ul> <li>Factitious disorders</li> </ul>
						Personality disorders
						<ul> <li>Patterns of violence/</li> </ul>
						abuse/neglect
						Organic psychoses

		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
		Anatomy, signs, symptoms and	Anatomy, physiology,	Anatomy, physiology,	Anatomy, physiology,	Anatomy, physiology,
		management	pathophysiology, assessment,	pathophysiology, assessment,	pathophysiology,	epidemiology, pathophysiology,
		Chest pain	and management of	and management of	presentations, prognosis, and	psychosocial impact,
		Cardiac arrest	Fundamental depth,	Complex depth, foundational	management of	presentations, prognosis, and
			foundational breadth	breadth	Complex depth, comprehensive	management of
			<ul> <li>Acute coronary syndrome</li> </ul>	Acute coronary syndrome	breadth	Complex depth, comprehensive
			o Angina pectoris	o Angina pectoris	Acute coronary syndrome	breadth
			o Myocardial infarction		o Angina pectoris	Acute coronary syndrome
			Aortic aneurysm/dissection	Fundamental depth, simple	o Myocardial infarction	o Angina pectoris
			Thromboembolism	breadth	Heart failure	o Myocardial infarction
			Simple depth, simple breadth	Heart failure	Hypertensive emergencies	Heart failure
			Heart failure	Hypertensive emergencies	Cardiogenic shock	Non-traumatic cardiac
			Hypertensive emergencies		Vascular disorders	tamponade
					o Abdominal aortic aneurysm	Hypertensive emergencies
10H	Cardiovascular				o Venous thrombosis	Cardiogenic shock
					Aortic aneurysm/dissection,	Vascular disorders
					Thromboembolism	o Abdominal aortic aneurysm
					Cardiac rhythm disturbances	o Arterial occlusion
						o Venous thrombosis
						Aortic aneurysm/dissection,
						Thromboembolism
						Cardiac rhythm disturbances
						Fundamental depth,
						foundational breadth
						Infectious diseases of the
						heart o Endocarditis
						o Pericarditis
						Congenital abnormalities
						- Congenital abnormalities

		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
		Recognition and	Fundamental depth,	Fundamental depth,	Fundamental depth,	Complex depth, comprehensive
		management of	foundational breadth	foundational breadth	comprehensive	breadth
		o Carbon monoxide	Anatomy, physiology,	Opiate toxidrome	breadth	Anatomy, physiology,
		poisoning	pathophysiology, assessment,	Sprano tomoromo	Anatomy, physiology,	epidemiology, pathophysiology,
		o Nerve agent poisoning	and management of		pathophysiology,	psychosocial impact.
		How and when to contact a	Inhaled poisons		presentations, and	presentations, prognosis, and
		poison control center	Ingested poisons		management of the following	management of the following
		policin control control	Injected poisons		toxidromes and poisonings:	toxidromes and poisonings:
			Absorbed poisons		Cholinergics	Cholinergics
			Alcohol intoxication and		Anticholinergics	Anticholinergics
101	Toxicology		withdrawal		Sympathomimetics	Sympathomimetics
					Sedative/hypnotics	Sedative/hypnotics
					Opiates	Opiates
					Alcohol intoxication and	Alcohol intoxication and
					withdrawal	withdrawal
					Over-the-counter and	Over-the-counter and
					prescription medications	prescription medications
					Carbon monoxide	Carbon monoxide
					Illegal drugs	Illegal drugs
						Herbal preparations
		Simple depth, simple breadth	EMR Material PLUS:	EMT Material PLUS:	AEMT Material PLUS:	Intermediate Material PLUS:
			Anatomy, physiology,	Complex depth, foundational	Anatomy, physiology,	Anatomy, physiology,
		management of respiratory	pathophysiology, assessment,	breadth	pathophysiology,	epidemiology, pathophysiology,
		emergencies including those	and management of	Anatomy, physiology,	presentations,	psychosocial impact,
		that	Fundamental depth,	pathophysiology, assessment,	management of	presentations, prognosis,
		affect the	foundational breadth	and management of	Fundamental depth,	management of
		Upper airway	• Epiglottitis	Asthma     Obstructive/restrictive	comprehensive breadth	Complex depth, comprehensive breadth
		Lower airway	Spontaneous pneumothorax     Pulmonary edema			
			Asthma	disease • Pneumonia	<ul><li>Spontaneous pneumothorax</li><li>Obstructive/restrictive lung</li></ul>	<ul><li>Acute upper airway infections</li><li>Spontaneous pneumothorax</li></ul>
10 I	Respiratory		Chronic obstructive	• Frieumonia	diseases	Obstructive/restrictive lung
100	riespiratory		pulmonary disease		Pulmonary infections	diseases
			ļ'		- 1 dimonary infections	
			l l			The state of the s
			o contract of the contract of			
						· · · · · · · · · · · · · · · · · · ·
						Cyclic librodia
			Viral respiratory infections			
			Environmental/industrial exposure     Toxic gas     Simple depth, simple breadth     Pertussis     Cystic fibrosis     Pulmonary embolism     Pneumonia			Pulmonary infections Fundamental depth, foundational breadth     Neoplasm     Pertussis     Cystic fibrosis

10K	Hematology	No knowledge related to this competency is applicable at this level.	Simple depth, simple breadth Anatomy, physiology, pathophysiology, assessment, and management of • Sickle cell crisis • Clotting disorders	EMT Material PLUS: Fundamental depth, foundational breadth Anatomy, physiology, pathophysiology, assessment and management of • Sickle cell crisis	Anatomy, physiology, pathophysiology, presentations, and management of common or major hematological diseases and/or emergencies Simple depth, foundational breadth • Sickle cell disease Fundamental depth, foundational breadth • Blood transfusion complications	Intermediate Material PLUS: Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of common or major hematological diseases and/or emergencies Complex depth, foundational breadth • Sickle cell disease Fundamental depth, foundational breadth • Blood transfusion complications • Hemostatic disorders • Lymphomas • Red blood cell disorders • White blood cell disorders • Coagulopathies
10L		Simple depth, simple breadth  Blood pressure assessment in hemodialysis patients	EMR Material PLUS: Simple depth, simple breadth Anatomy, physiology, pathophysiology, assessment, and management of • Complications related to o Renal dialysis o Urinary catheter management (not insertion) • Kidney stones	EMT Material PLUS: Fundamental depth, simple breadth Anatomy, physiology, pathophysiology, assessment, and management of • Complications related to renal dialysis • Kidney stones		Intermediate Material Plus: Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of Complex depth, comprehensive breadth • Complications of o Acute renal failure o Chronic renal failure o Dialysis • Renal calculi Fundamental depth, foundational breadth • Acid base disturbances • Fluid and electrolyte • Infection • Male genital tract conditions

		Simple depth, simple breadth	EMR Material Plus:	Same as Previous Level	AEMT Material Plus:	Intermediate Material Plus:
10 <b>M</b>	Gynecology	Recognition and management of shock associated with • Vaginal bleeding	Anatomy, physiology, assessment findings, and management of Fundamental depth, foundational breadth • Vaginal bleeding • Sexual assault (to include appropriate emotional support) Simple depth, simple breadth • Infections		Anatomy, physiology, pathophysiology, presentations, and management of common or major gynecological diseases and/or emergencies Fundamental depth, Foundational breadth  • Vaginal/Uterine bleeding  • Sexual assault Fundamental depth, foundational breadth  • Infections  • Pelvic Inflammatory Disease  • Ovarian cysts  • Vaginal foreign body	Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of common or major gynecological diseases and/or emergencies Complex depth, comprehensive breadth  • Vaginal bleeding  • Sexual assault Fundamental depth, foundational breadth  • Infections  • Pelvic Inflammatory Disease  • Ovarian cysts  • Dysfunctional uterine bleeding  • Vaginal foreign body
10N	Non-Traumatic Musculoskeletal Disorders	No knowledge related to this competency is applicable at this level.	Fundamental depth, foundational breadth Anatomy, physiology, pathophysiology, assessment and management of • Non-traumatic fractures	Same as Previous Level	Same as Previous Level	Intermediate Material Plus: Fundamental depth, foundation breadth Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of common or major non-traumatic musculoskeletal disorders • Disorders of the spine • Joint abnormalities • Muscle abnormalities • Overuse syndromes
100	Diseases of the Eyes, Ears, Nose, and Throat	Simple depth, simple breadth Recognition and management of • Nose bleed	Same as Previous Level	Same as Previous Level	pathophysiology, presentations, management of • Common or major diseases of the eyes, ears, nose, and throat, including nose bleed	Intermediate Material Plus: Fundamental depth, foundational breadth Knowledge of anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, management of Common or major diseases of the eyes, ears, nose, and throat, including nose bleed

11	Shock and Resuscitation	failure or arrest, and cardiac	Applies fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management.	Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for a patient in shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management.	Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for a patient in shock, respiratory failure or arrest, cardiac failure or arrest, and post resuscitation management.	Integrates comprehensive knowledge of causes and pathophysiology into the management of cardiac arrest and peri-arrest states.  Integrates a comprehensive knowledge of the causes and pathophysiology into the management of shock, respiratory failure or arrest with an emphasis on early intervention to prevent arrest.
12	Trauma	Uses simple knowledge to recognize and manage life threats based on assessment findings for an acutely injured patient while awaiting additional emergency medical response.	Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.	Applies fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely injured patient.	Applies assessment findings with principles of pathophysiology to formulate a field impression to implement a Foundational treatment/disposition plan for an acutely injured patient.	Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement a comprehensive treatment/disposition plan for an acutely injured patient.
12 <b>A</b>		competency is applicable at	Fundamental depth, foundational breadth Pathophysiology, assessment, and management of the trauma patient • Trauma scoring • Rapid transport and destination issues • Transport mode	Same as Previous Level	Same as Previous Level	Intermediate Material Plus: Complex depth, comprehensive breadth Pathophysiology, assessment and management of the trauma patient Trauma scoring Transport and destination issues
12B		Children and Paris, Children and Children	EMR Material Plus: Fundamental depth, foundational breadth Pathophysiology, assessment, and management of • Bleeding	EMT Material Plus: Complex depth, comprehensive breadth • Fluid resuscitation	Same as Previous Level	Intermediate Material Plus: Complex depth, comprehensive breadth Pathophysiology, assessment, and management of • Bleeding

		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	Same as Previous Level	Intermediate Material Plus:
		Recognition and management	Fundamental depth, simple	Fundamental depth,	came as i revisus zeve.	Complex depth, comprehensive
		of	breadth	foundational breadth		breadth
		Blunt versus penetrating	Pathophysiology, assessment	Pathophysiology, assessment		Pathophysiology, assessment,
		mechanisms	and management	and management of		and management of
		Open chest wound	Blunt versus penetrating	Traumatic aortic disruption		Traumatic aortic disruption
		Impaled object	mechanisms	Pulmonary contusion		Pulmonary contusion
			Hemothorax	Blunt cardiac injury		<ul> <li>Blunt cardiac injury</li> </ul>
			Pneumothorax	Hemothorax		<ul> <li>Hemothorax</li> </ul>
120	Chest Trauma		o Open	Pneumothorax		<ul> <li>Pneumothorax</li> </ul>
120	Chest Hauma		o Simple	o Open		o Open
			o Tension	o Simple		o Simple
			Cardiac tamponade	o Tension		o Tension
			Rib fractures	Cardiac tamponade		Cardiac tamponade
			Flail chest	Rib fractures		Rib fractures
			Commotio cordis	Flail chest		Flail chest
				Commotio cordis		Commotio cordis
				Traumatic asphyxia		Tracheobronchial disruption
						Diaphragmatic rupture
						Traumatic asphyxia
		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	Same as Previous Level	Intermediate Material Plus:
		Recognition and management	Fundamental depth, simple	Fundamental depth,		Complex depth, comprehensive
		of	breadth	foundational breadth		breadth
		Blunt versus penetrating	Pathophysiology, assessment	Pathophysiology, assessment,		Pathophysiology, assessment,
		mechanisms	and management of	and management of		and management of
		Evisceration	Solid and hollow organ	Vascular injury		Vascular injury
		Impaled object	injuries	Solid and hollow organs		Solid and hollow organ
	Abdominal and		Blunt versus penetrating mechanisms	injuries  • Blunt versus penetrating		injuries  • Blunt versus penetrating
12D	Genitourinary		Evisceration	mechanisms		mechanisms
	Trauma		Injuries to the external	Evisceration		Evisceration
			Igenitalia	Retroperitoneal injuries		Retroperitoneal injuries
			Vaginal bleeding due to	Injuries to the external		Injuries to the external
			Itrauma	genitalia		genitalia
			Sexual assault	Vaginal bleeding due to		geriitalia
			Jenual assault	trauma		
				Sexual assault		
				Condit docadit		

		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	AEMT Material Plus:	Intermediate Material Plus:
		Recognition and management	Pathophysiology, assessment,	Pathophysiology, assessment,	Pathophysiology, assessment,	Pathophysiology, assessment,
		of	and management of	and management of	and management of	and management of
		Open fractures	Fundamental depth.	Simple depth, simple breadth	Fundamental depth,	Fundamental depth.
		Closed fractures	foundational breadth		foundational breadth	foundational breadth
				Compartment syndrome		
		• Dislocations	Upper and lower extremity	Complex depth, foundational	Pediatric fractures	Pediatric fractures
		Amputations	orthopedic trauma	breadth	• Tendon laceration/	• Tendon laceration/
40=			Open fractures	Pelvic fractures	transection/ rupture (Achilles	transection/ rupture (Achilles
12E	Orthopedic Trauma		Closed fractures	Amputations/replantation	and patellar)	and patellar)
			Dislocations		Compartment syndrome	Compartment syndrome
			• Sprains/strains		Complex depth, foundational	Complex depth, foundational
			Pelvic fractures		breadth	breadth
			Amputations/replantation		Upper and lower extremity	<ul> <li>Upper and lower extremity</li> </ul>
					orthopedic trauma	orthopedic trauma
					Open fractures	Open fractures
					<ul> <li>Closed fractures</li> </ul>	<ul> <li>Closed fractures</li> </ul>
					Dislocations	Dislocations
		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	AEMT Material Plus:	Intermediate Material Plus:
		Recognition and management	Fundamental depth,	Fundamental depth, simple	Fundamental depth,	Complex depth, comprehensive
		of	foundational breadth	breadth	comprehensive	breadth
		Wounds	Pathophysiology, assessment,	□ Crush syndrome	breadth	Pathophysiology, assessment,
		Burns	and management		Pathophysiology, assessment,	and management of
		o Electrical	Wounds		and management of	Wounds
		o Chemical	o Avulsions		Wounds	o Avulsions
		o Thermal	o Bite wounds		o Avulsions	o Bite wounds
125	Soft Tissue Trauma	<ul> <li>Chemicals in the eye and on</li> </ul>	o Lacerations		o Bite wounds	o Lacerations
125	Soft fissue frauma	the skin	o Puncture wounds		o Lacerations	o Puncture wounds
			o Incisions		o Puncture wounds	• Burns
			• Burns		• Burns	o Electrical
			o Electrical		o Electrical	o Chemical
			o Chemical		o Chemical	o Thermal
			o Thermal		o Thermal	High-pressure injection
			o Radiation		High-pressure injection	Crush syndrome
			Simple depth, simple breadth		Crush syndrome	
			Crush syndrome			

		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	AEMT Material Plus:	Intermediate Material Plus:
		Recognition and management	Fundamental depth,	Complex depth, foundational	Pathophysiology, assessment,	Pathophysiology, assessment,
		of	foundational breadth	breadth	and management of	and management of
		Life threats	Pathophysiology, assessment,	Pathophysiology, assessment,	Fundamental depth,	Fundamental depth,
		Spine trauma	and management of	and management of	foundational breadth	foundational breadth
			Penetrating neck trauma	Facial fractures	Unstable facial fractures	<ul> <li>Unstable facial fractures</li> </ul>
			<ul> <li>Laryngeotracheal injuries</li> </ul>	<ul> <li>Laryngeotracheal injuries</li> </ul>	Orbital fractures	Orbital fractures
			Spine trauma		Fundamental depth,	Perforated tympanic
	Hood Fooial Nook		Simple depth, simple breadth		Foundational breadth	membrane
12G	Head, Facial, Neck, and Spine trauma		Facial fractures		Skull fractures	Complex depth, comprehensive
	and Spine trauma		Skull fractures		Penetrating neck trauma	breadth
			<ul> <li>Foreign bodies in the eyes</li> </ul>		<ul> <li>Laryngeotracheal injuries</li> </ul>	Skull fractures
			Dental trauma		Spine trauma	<ul> <li>Penetrating neck trauma</li> </ul>
					o Dislocations/subluxations	<ul> <li>Laryngeotracheal injuries</li> </ul>
					o Fractures	Spine trauma
					o Sprains/strains	o Dislocations/subluxations
					Mandibular fractures	o Fractures
						o Sprains/strains
						Mandibular fractures
		No knowledge related to this	Fundamental depth,	EMT Material Plus:	Same as Previous Level	Intermediate Material Plus:
		competency is applicable at	foundational breadth	Complex depth, foundational		Pathophysiology, assessment,
		this level.	Pathophysiology, assessment,	breadth		and management of
			and management of	Pathophysiology, assessment,		Fundamental depth,
			Traumatic brain injury	and management of		foundational breadth
	Nervous System		Spinal cord injury	Traumatic brain injury		Cauda equina syndrome
12H	Trauma					Nerve root injury
						Peripheral nerve injury
						Complex depth, comprehensive
						breadth
						Traumatic brain injury
						Spinal cord injury     Spinal about
		Simple depth, simple breadth	EMR Material Plus:	EMT Material Plus:	Same as Previous Level	Spinal shock     Intermediate Material Plus:
		Recognition and management	Fundamental depth,	Complex depth, foundational	Same as Previous Level	Complex depth, comprehensive
		of	foundational breadth	breadth		breadth
		trauma in	Pathophysiology, assessment,	Pathophysiology, assessment,		Pathophysiology, assessment,
	Special	Pregnant patient	and management of trauma in	and management of trauma in		and management of trauma in
121	Considerations in	Pediatric patient	the	the		the
121	Trauma	Geriatric patient	Pregnant patient	Pregnant patient		Pregnant patient
	Trauma	Genatric patient	Pediatric patient	Pediatric patient		Pregnant patient     Pediatric patient
			Geriatric patient	Geriatric patient		Geriatric patient
			Cognitively impaired patient	Cognitively impaired patient		Cognitively impaired patient
			Cognitively impaired patient	Cognitively impaired patient		Cognitively impaired patient

12J	Environmental Emergencies	Recognition and management of Submersion incidents Temperature-related illness Simple depth, simple breadth	EMR Material Plus: Fundamental depth, foundational breadth Pathophysiology, assessment, and management of • Near drowning • Temperature-related illness • Bites and envenomations • Dysbarism o High-altitude o Diving injuries • Electrical injury • Radiation exposure EMR Material Plus:	Same as Previous Level  EMT Material Plus:	AEMT Material Plus:	Intermediate Material Plus: Complex depth, comprehensive breadth Pathophysiology, assessment, and management of Near-drowning Temperature-related illness Bites and envenomations Dysbarism High-altitude Diving injuries Electrical injury High altitude illness Intermediate Material Plus:
12K	Multi-System Trauma	of • Multi-system trauma	Fundamental depth, foundational breadth Pathophysiology, assessment, and management of • Multi-system trauma • Blast injuries	Complex depth, foundational breadth Pathophysiology, assessment and management of • Multi-system trauma	breadth Pathophysiology, assessment,	Complex depth, comprehensive breadth Pathophysiology, assessment, and management of • Multi-system trauma • Blast injuries
13	Special Patient Populations	Recognizes and manages life threats based on simple assessment findings for a patient with special needs while awaiting additional emergency response.	Applies a fundamental knowledge of growth, development, and aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.	Applies a fundamental knowledge of growth, development, and aging and assessment findings to provide basic and selected advanced emergency care and transportation for a patient with special needs.	Applies assessment findings with principles of pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for patients with special needs.	Integrates assessment findings with principles of pathophysiology and knowledge of psychosocial needs to formulate a field impression and implement a comprehensive treatment/disposition plan for patients with special needs.

j		Simple depth, simple breadth	EMR Material Plus:	Same as Previous Level	AEMT Material Plus:	Intermediate Material Plus:
		Recognition and management	Fundamental depth,		Fundamental depth,	Complex depth, comprehensive
		of	foundational breadth		comprehensive	breadth
		Normal delivery	<ul> <li>Anatomy and physiology of</li> </ul>		breadth	<ul> <li>Anatomy and physiology of</li> </ul>
		Vaginal bleeding in the	normal pregnancy		<ul> <li>Anatomy and physiology of</li> </ul>	pregnancy
		pregnant patient	<ul> <li>Pathophysiology of</li> </ul>		pregnancy	<ul> <li>Pathophysiology of</li> </ul>
			complications of pregnancy		Pathophysiology of	complications of pregnancy
			Assessment of the pregnant		complications of pregnancy	<ul> <li>Assessment of the pregnant</li> </ul>
			patient		<ul> <li>Assessment of the pregnant</li> </ul>	patient
			Management of		patient presentations, and	Psychosocial impact,
			o Normal delivery		management of	presentations, prognosis, and
			o Abnormal delivery		Normal delivery	management of
13A	Obstetrics		□ Nuchal cord		Abnormal delivery	Normal delivery
_			☐ Prolapsed cord		o Nuchal cord	Abnormal delivery
			☐ Breech delivery		o Prolapsed cord	o Nuchal cord
			o Third trimester bleeding		o Breech	o Prolapsed cord
			□ Placenta previa		Spontaneous	o Breech
			□ Abruptio placenta		abortion/miscarriage	Spontaneous
			o Spontaneous		Ectopic pregnancy	abortion/miscarriage
			abortion/miscarriage		Eclampsia	Ectopic pregnancy
			o Ectopic pregnancy		Antepartum hemorrhage	Eclampsia
			o Preeclampsia/Eclampsia		Pregnancy induced	<ul> <li>Antepartum hemorrhage</li> </ul>
					hypertension	Pregnancy induced
						hypertension
					Third trimester bleeding	Third trimester bleeding
					o Placenta previa	o Placenta previa
					o Abruptio placenta	o Abruptio placenta
					o Pre-term	o Pre-term
400						o Premature rupture of
13B					membranes	membranes
					o Rupture of uterus	o Rupture of uterus
					<ul> <li>Complication of delivery</li> </ul>	<ul> <li>Complication of delivery</li> </ul>
						Foundational depth,
						foundational breadth
13B					High risk pregnancy     Complications of labor     Fetal distress     Pre-term     Premature rupture of     membranes     Rupture of uterus	High risk pregnancy     Complications of labor     Fetal distress     Pre-term     Premature rupture of     membranes     Rupture of uterus     Complication of delivery     Post partum complications Foundational depth,

		Simple depth, simple breadth	EMR Material Plus:	Same as Previous Level	Same as Previous level	Intermediate Material Plus:
		Newborn care	Fundamental depth,			Complex depth, comprehensive
		Neonatal resuscitation	foundational breadth			breadth
		Trochata roccontation	Assessment and management			Anatomy and physiology of
130	Neonatal care		Newborn			neonatal circulation
.00	rios ratar sars		Neonatal resuscitation			Assessment of the newborn
			1400Hatai 100000Hation			Presentation and management
						Newborn
						Neonatal resuscitation
		Simple depth, simple breadth	EMR Material Plus:	Same as Previous Level	AEMT Material Plus:	Intermediate Material Plus:
		Age-related assessment	Fundamental depth,	Camb as 1 10 110 as 20 vol	Age-related assessment	Age-related assessment
		findings, and age-related	foundational breadth		findings, age-related anatomic	findings, age-related anatomic
		assessment and treatment	Age-related assessment		and physiologic variations, age	and physiologic variations, age
		modifications for pediatric	findings, age-related, and		related	related
		specific	developmental stage related		and developmental stage	and developmental stage
		major diseases and/or	assessment and treatment		related assessment and	related assessment and
		emergencies	modifications for pediatric		treatment	treatment
		Upper airway obstruction	specific major diseases and/or		modifications of the pediatric	modifications of the pediatric
		Lower airway reactive	emergencies		specific	specific
		disease	Upper airway obstruction		major or common	major or common
		Respiratory	Lower airway reactive		diseases and/or emergencies:	diseases and/or emergencies:
		distress/failure/arrest	disease		Fundamental depth,	Complex depth, comprehensive
		• Shock	Respiratory		comprehensive	breadth
		• Seizures	distress/failure/arrest		breadth	Foreign body (upper and
		Sudden Infant Death	• Shock		Foreign body (upper and	lower) airway obstruction
13D		Syndrome	• Seizures		lower) airway obstruction	Bacterial tracheitis
		Syman Simo	Sudden Infant Death		Asthma	Asthma
			Syndrome		Bronchiolitis	Bronchiolitis
			Gastrointestinal disease		o Respiratory Syncytial Virus	o Respiratory Syncytial Virus
	Pediatrics				(RSV)	(RSV)
					Pneumonia	Pneumonia
					Croup	Croup
					Epiglottitis	Epiglottitis
					Respiratory	Respiratory
					distress/failure/arrest	distress/failure/arrest
					Shock	Shock
					Seizures	Seizures
					Sudden Infant Death	<ul> <li>Sudden Infant Death</li> </ul>
					Syndrome (SIDS)	Syndrome (SIDS)
					Hyperglycemia	Hyperglycemia
					Hypoglycemia	Hypoglycemia
						Fundamental depth,
						foundational breadth
						Pertussis
						Cystic fibrosis
						Bronchopulmonary dysplasia
						Congenital heart diseases
						Hydrocephalus and
						ventricular shunts

13E	Geriatrics	Simple depth, simple breadth  impact of age-related changes on assessment and care	EMR Material Plus: Fundamental depth, foundational breadth Changes associated with aging, psychosocial aspects of aging and age-related assessment and treatment modifications for the major or common geriatric diseases and/or emergencies Cardiovascular diseases Respiratory diseases Neurological diseases Endocrine diseases Alzheimer's Dementia	EMT Material Plus: Complex depth, foundational breadth • Fluid resuscitation in the elderly	Normal and abnormal changes associated with aging, pharmacokinetic changes, polypharmacy, and age-related assessment and treatment modifications for the major or common geriatric diseases and/or emergencies.	Intermediate Material Plus: Normal and abnormal changes associated with aging, pharmacokinetic changes, psychosocial and economic aspects of aging, polypharmacy, and age-related assessment and treatment modifications for the major or common geriatric diseases and/or emergencies Complex depth, comprehensive breadth Cardiovascular diseases Respiratory diseases Neurological diseases Respiratory diseases Lindocrine diseases Alzheimer's Dementia Delirium Acute confusional state Fundamental depth, foundational breadth Herpes zoster Inflammatory arthritis
13F	Patients with Special Challenges	Simple depth, simple breadth • Recognizing and reporting abuse and neglect	EMR Material Plus: Simple depth, simple breadth Healthcare implications of • Abuse • Neglect • Homelessness • Poverty • Bariatrics • Technology dependent • Hospice/ terminally ill • Tracheostomy care/dysfunction • Homecare • Sensory deficit/loss • Developmental disability	EMT Material Plus: Fundamental depth, foundational breadth Healthcare implications of • Abuse • Neglect • Homelessness • Poverty • Bariatrics • Technology dependent • Hospice/ terminally ill • Tracheostomy care/dysfunction • Homecare • Sensory deficit/loss • Developmental disability		Intermediate Material Plus: Complex depth, comprehensive breadth Healthcare implications of • Abuse • Neglect • Poverty • Bariatrics • Technology dependent • Hospice/ terminally ill • Tracheostomy care/ dysfunction
14	EMS Operations	Knowledge of operational roles and responsibilities to ensure safe patient, public, and personnel safety	Same as Previous Level	Same as Previous Level	Same as Previous Level	Same as Previous Level

14A	Principles of Safely Operating a Ground Ambulance	Simple depth, simple breadth • Risks and responsibilities of emergency response	EMR Material Plus: Simple depth, foundational breadth • Risks and responsibilities of transport	Same as Previous Level	Same as Previous Level	Same as Previous Level
14B	Incident Management	Simple depth, simple breadth • Establish and work within the incident management system	EMR Material Plus: Fundamental depth, foundational breadth • Establish and work within the incident management system	Same as Previous Level	Same as Previous Level	Intermediate Material Plus: Complex depth, comprehensive breadth • Establish and work within the incident management system
14C	Multiple Casualty Incidents	Simple depth, simple breadth  • Triage principles  • Resource management	EMR Material Plus: Simple depth, foundational breadth  Triage Performing Re-Triage Destination Decisions Post Traumatic and Cumulative Stress	Same as Previous Level	Same as Previous Level	Same as Previous Level
14D	Air Medical	Simple depth, simple breadth  • Safe air medical operations  • Criteria for utilizing air medical response	Same as Previous Level	Same as Previous Level	AEMT Material Plus: fundamental depth, foundational breadth • Medical risks/needs/advantages	Intermediate Material Plus: Complex depth, comprehensive breadth • Medical risks/needs/advantages
14E	Vehicle Extrication	Simple depth, simple breadth  • Safe vehicle extrication  • Use of simple hand tools	Same as Previous Level	Same as Previous Level	Same as Previous Level	Same as Previous Level
14F	Hazardous Materials Awareness	Simple depth, simple breadth • Risks and responsibilities of operating in a cold zone at a hazardous material or other special incident	Same as Previous Level	Same as Previous Level	Same as Previous Level	Same as Previous Level
	Mass Casualty Incidents due to Terrorism and Disaster (this section subject to ongoing collective and cooperative review and input from all stakeholders including the Department of Transportation, Department of Homeland Security and the Department of Health and Human Services)	Simple depth, simple breadth  Risks and responsibilities of operating on the scene of a natural or man made disaster	Same as Previous Level	Same as Previous Level	Same as Previous Level	Same as Previous Level

	Clinical Behavior/Judgment					
C1		to identify life threats, identify injuries requiring immobilization and conditions requiring treatment within the	Perform a basic history and physical examination to identify acute complaints and monitor changes. Identify the actual and potential complaints of emergency patients.	acute complaints and monitor changes. Identify the actual and potential complaints of emergency patients.	Perform a comprehensive history and physical examination to identify factors affecting the health of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Apply the multiple determinants of health and clinical care.	Perform a comprehensive history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of comprehensive assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Integrate and synthesize the multiple determinants of health and clinical care. Perform health screening and referrals.
C2	cultural		Communicate in a culturally sensitive manner.	Communicate in a culturally sensitive manner.	Same as Previous Level	Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome.

		Safely and effectively perform	Safely and effectively perform	Safely and effectively perform	Safely and effectively perform	Safely and effectively perform
			all psychomotor skills within the	all psychomotor skills within the	all psychomotor skills within the	all psychomotor skills within the
		National EMS Scope of	National EMS Scope of Practice	National EMS Scope of Practice	National EMS Scope of Practice	National EMS Scope of Practice
		Practice	Model AND state Scope of	Model AND state Scope of	Model AND Virginia Scope of	Model AND state Scope of
		Model AND state Scope of	Practice at this level.	Practice at this level.	Practice (VaSoP) at this level.	Practice at this level.
		Practice at this level.	Airway and Breathing	Airway and Breathing	Airway and Breathing	Airway and Breathing
		Airway and Breathing	Nasopharyngeal airway	<ul> <li>Airways not intended for</li> </ul>		Oral and nasal endotracheal
		Basic Airway Maneuvers	Positive pressure ventilation	insertion into the trachea		intubation
		Head-tilt, chin-lift	Manually-triggered	Esophageal-tracheal		<ul> <li>FBAO – direct laryngoscopy</li> </ul>
		Jaw thrust	ventilators	Multi-lumen airway		<ul> <li>Percutaneous cricothyrotomy</li> </ul>
		Modified chin lift	Automatic transport	Tracheal-bronchial		Pleural decompression
		FBAO relief - manual	ventilators	suctioning of an already		• BIPAP, CPAP, PEEP
		Oropharyngeal airway	Supplemental oxygen	intubated patient		<ul> <li>Chest tube monitoring</li> </ul>
		Sellick's maneuver	therapy	Assessment		ETCO2 monitoring
		<ul> <li>Positive pressure ventilation</li> </ul>	Humidifiers	Blood glucose monitor		NG/OG tube
СЗ		devices such as BVM	Partial-rebreather mask	Pharmacologic interventions		Assessment
CS		Suction of the upper airway	Venturi mask	<ul> <li>Establish and maintain</li> </ul>		<ul> <li>ECG interpretation</li> </ul>
		Supplemental oxygen	Assessment	peripheral intravenous access		<ul> <li>12-lead interpretation</li> </ul>
		therapy	Pulse oximetry	<ul> <li>Establish and maintain</li> </ul>		<ul> <li>Blood chemistry analysis</li> </ul>
		Nasal cannula	Automatic B/P	intraosseous access in		Pharmacologic interventions
		Non-rebreather mask	Pharmacologic interventions	pediatric patient		<ul> <li>Intraosseous insertion</li> </ul>
		Assessment	Assist patients in taking their	Administer (nonmedicated)		<ul> <li>Enteral and parenteral</li> </ul>
		Manual B/P	own prescribed medications	intravenous fluid therapy		administration of approved
	Psychomotor Skills	Pharmacologic interventions	Administration of OTC	Sublingual nitroglycerin		prescription medications
	i sychornotor Skills	Unit-dose autoinjectors	medications with medical	(chest pain)		<ul> <li>Access indwelling catheters</li> </ul>
		(lifesaving	oversight	Subcutaneous or		and implanted central IV
		medications intended	Oral glucose for	intramuscular epinephrine		ports
		for self or peer rescue in	hypoglycemia	(anaphylaxis)		<ul> <li>Medications by IV infusion</li> </ul>
		hazardous materials	Aspirin for chest pain	Glucagon (hypoglycemia)		
		situation, nerve agent				
		antidote kit)				
		Medical/Cardiac care	Medical/Cardiac care	Intravenous 50% dextrose		Maintain infusion of blood or
		Manual CPR	Mechanical CPR	(hypoglycemia)		blood products
		• AED	Assisted complicated	Inhaled beta agonists		Blood sampling
		Assisted normal delivery	delivery	(wheezing)		Thrombolytic initiation
		Trauma care	Trauma care	Intravenous narcotic		Administer physician
		Manual stabilization	Spinal immobilization	antagonist (narcotic		approved medications
		C-spine injuries	Cervical collars	overdose)		Medical/Cardiac care
		Extremity fractures	• Seated	Nitrous oxide (pain)		Cardioversion
C4		Bleeding control	• Longboard	This cab oxido (pairi)		Manual defibrillation
		Emergency moves	Rapid extrication			Transcutaneous pacing
		• Eye irrigation	• Splinting			Carotid massage
		, and an	• Extremity			Trauma care
			Traction			Morgan lens
			• PASG			J
			Mechanical patient restraint			
			Tourniquet			

<b>C</b> 5	Professionalism	Demonstrate professional behavior including: but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time management, teamwork/diplomacy, respect, patient advocacy, and careful delivery of service	Demonstrate professional behavior including: but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time management, teamwork/diplomacy, respect, patient advocacy, and careful delivery of service.	Demonstrate professional behavior including: but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time management, teamwork/diplomacy, respect, patient advocacy, and careful delivery of service.		Is a role model of exemplary professional behavior including: but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time management, teamwork/diplomacy, respect, patient advocacy, and careful delivery of service.
C6	Decision Making	Initiates simple interventions based on assessment findings	Initiates basic interventions based on assessment findings intended to mitigate the emergency and provide limited symptom relief while providing access to definitive care	Initiates basic and selected advanced interventions based on assessment findings intended to mitigate the emergency and provide limited symptom relief while providing access to definitive care	interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient. Evaluates the effectiveness of interventions and modifies	Performs basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient. Evaluates the effectiveness of interventions and modifies treatment plan accordingly.
<b>C</b> 7	Record Keeping	Record simple assessment findings and interventions	Report and document assessment data and interventions.	Report and document assessment findings and interventions.	interventions. Collect and report data to be used for epidemiological and research	Report and document assessment findings and interventions. Collect and report data to be used for epidemiological and research purposes.

		Perform a patient assessment	Perform a patient assessment	Perform a patient assessment	Perform a patient assessment,	Perform a patient assessment.
		and provide prehospital	and provide prehospital		develop a treatment and	develop a treatment and
		emergency care for patient	emergency care and			disposition plan for patients
		complaints: abdominal pain,	transportation for patient	transportation for patient	with the following complains:	with the following complains:
			complaints: abdominal pain,		-	abdominal pain, abuse/neglect,
		status/decreased level of	abuse/neglect, altered mental	abuse/neglect, altered mental	altered mental status/decreased	altered mental status/decreased
		consciousness, apnea, back	status/decreased level of	status/decreased level of	level of consciousness, anxiety,	level of consciousness, anxiety,
		pain,	consciousness, anxiety, apnea,	consciousness, anxiety, apnea,		apnea, ascites, ataxia, back pain,
		behavioral emergency,	ataxia, back pain, behavioral	ataxia, back pain, behavioral		behavioral emergency, bleeding,
		bleeding,	emergency, bleeding, cardiac			blood and body fluid exposure,
		cardiac arrest, chest pain,	arrest, cardiac rhythm	arrest, cardiac rhythm	cardiac arrest, cardiac rhythm	cardiac arrest, cardiac rhythm
		cyanosis, dyspnea, eye pain,	disturbances, chest pain,	disturbances, chest pain,	disturbances, chest pain,	disturbances, chest pain,
		GI	constipation, cyanosis,	constipation, cyanosis,	congestion, constipation,	congestion, constipation,
		bleeding, hypotension, multiple	dehydration, diarrhea,	dehydration, diarrhea,	cough/hiccough, cyanosis,	cough/hiccough, cyanosis,
		trauma, pain, paralysis,	dizziness/vertigo, dysphasia,	dizziness/vertigo, dysphasia,	dehydration, dental pain,	dehydration, dental pain,
C8		poisoning, shock, and	dyspnea, edema, eye pain,		diarrhea, dizziness/vertigo,	diarrhea, dizziness/vertigo,
Co		stridor/drooling.	fatigue, fever, GI bleeding,			dysmenorrhea, dysphasia,
			headache, hematuria,		dyspnea, dysuria, ear pain,	dyspnea, dysuria, ear pain,
			hemoptysis, hypertension,	hemoptysis, hypertension,	edema, eye pain, fatigue,	edema, eye pain, fatigue,
	Patient Complaints		hypotension, joint pain/swelling,		feeding problems, fever, GI	feeding problems, fever, GI
			multiple trauma,			bleeding, headache, hearing
			nausea/vomiting, pain, paralysis,	0.1 .1 3	disturbance, hematuria,	disturbance, hematuria,
			pediatric crying/fussiness,	pediatric crying/fussiness,	hemoptysis, hypertension,	hemoptysis, hypertension,
			poisoning, rash, rectal pain,	poisoning, rash, rectal pain,	hypotension, incontinence,	hypotension, incontinence,
			shock, sore throat,	shock, sore throat,	jaundice, joint pain/swelling,	jaundice, joint pain/swelling,
			stridor/drooling, syncope,	stridor/drooling, syncope,	malaise, multiple trauma,	malaise, multiple trauma,
				urinary retention, visual disturbances, weakness, and	nausea/vomiting, pain, paralysis,	nausea/vomiting, pain, paralysis,
				wheezing.		
				wheezing.		
			urinary retention, visual		poisoning, pruritus, rash, rectal	poisoning, pruritus, rash, rectal
			disturbances, weakness, and		pain, red/pink eye, shock, sore	pain, red/pink eye, shock, sore
			wheezing.		throat, stridor/drooling, syncope,	throat, stridor/drooling, syncope,
					tinnitus, tremor, urinary	tinnitus, tremor, urinary
					retention, visual disturbances,	retention, visual disturbances,
					weakness, and wheezing.	weakness, and wheezing.
		Manage the scene until care is	Entry-level EMTs serve as an	Serve as an EMS team leader of	Function as the team leader of a	Function as the team leader of a
		transferred to an EMS team	EMS team member on an	an emergency call.	routine, single patient advanced	routine, single patient advanced
		member licensed at a higher	emergency call with more		life support emergency call.	life support emergency call.
C9	Scene Leadership	level arrives.	experienced personnel in the			
			lead role. EMTs may serve as a			
			team leader following additional			
			training and/or experience.			

C10	Scene Safety	Ensure the safety of the rescuer and others during an emergency.	Ensure the safety of the rescuer and others during an emergency.	Ensure the safety of the rescuer and others during an emergency.	Ensure the safety of the rescuer and others during an emergency.	Ensure the safety of the rescuer and others during an emergency.
E1	Educational Infrastructure  Educational Facilities  Student Space	Facility sponsored or approved by sponsoring agency     ADA compliant facility     Sufficient space for class size     Controlled environment	Same as Previous Level  Same as Previous Level	Same as Previous Level  Same as Previous Level	Same as Previous Level  Same as Previous Level	Reference Committee on Accreditation for EMS Professions (CoAEMSP) Standards and Guidelines (www.coaemsp.org)
E3	Instructional Resources Instructor Preparation Resources	preparation  Provide support equipment	Same as Previous Level  Same as Previous Level	Same as Previous Level  Same as Previous Level	Same as Previous Level  Same as Previous Level	
<b>E</b> 5	Storage Space	for instructor preparation  • Provide adequate and secure storage space for instructional materials	Same as Previous Level	Same as Previous Level	Same as Previous Level	
<b>E</b> 6	Sponsorship	Sponsoring organizations shall be one of the following:     Accredited educational institution, or     Public safety organization, or     Accredited hospital, clinic, or medical center, or     Other State approved institution or organization	Same as Previous Level	Same as Previous Level	Same as Previous Level	

<b>E</b> 7	Programmatic Approval	Sponsoring organization shall have programmatic approval by authority having jurisdiction for program approval (State)	Same as Previous Level	Same as Previous Level	Same as Previous Level
<b>E</b> 8	Faculty	The course primary instructor should  • be educated at a level higher than he or she is teaching; however, as a minimum, he or she must be educated at the level he or she is teaching  • Have successfully completed an approved instructor training program or equivalent	Same as Previous Level	Same as Previous Level	Same as Previous Level
E9	Medical Director Oversight	Provide medical oversight for all medical aspects of instruction	Same as Previous Level	Same as Previous Level	Same as Previous Level
E10		None required at this level	Students should observe emergency department operations for a period of time sufficient to gain an appreciation for the continuum of care. Students must perform 10 patient assessments A minimum five of these patient assessments must be performed on live patients. These should be performed on an ambulance or in an emergency department or may be completed in a clinic, nursing home, doctor's office, etc. No more than five of the required 10 patient assessments may be performed on standardized programmed patients or advanced simulation mannequins.	See State Requirements	See State Requirements

E11	Hospital/Clinical Experience			The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with chest pain.  The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with respiratory distress. The student must demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with altered mental status. The student must demonstrate the ability to perform an adequate assessment on pediatric, adult and geriatric patients.	
E12	Field Experience	None required at this level	by the medical director and	The student must participate in and document team leadership in a field experience approved by the medical director and program director.	See State Requirements

E13	Course Length	Course length is based on competency, not hours Course material can be delivered in multiple formats including but not limited to: Independent student preparation Synchronous/Asynchronous distributive education Face-to-face instruction Pre- or co-requisites Course length is estimated to take approximately 48-60 didactic and laboratory clock hours	Course length is based on competency, not hours Course material can be delivered in multiple formats including but not limited to: Independent student preparation Synchronous/Asynchronous distributive education Face-to-face instruction Pre- or co-requisites Course length is estimated to take approximately 150-190 clock hours including the four integrated phases of education (didactic, laboratory, clinical and field) to cover material	competency, not hours  Course material can be delivered in multiple formats including but not limited to:  Independent student preparation  Synchronous/Asynchronous distributive education  Face-to-face instruction  Pre- or co-requisites  Course length is estimated to take approximately 150-250 clock hours beyond EMT requirements including the four integrated phases of education (didactic, laboratory, clinical and field) to cover material	See State Requirements
E14	Course Design	Provide the following components of instruction: Didactic instruction Skills laboratories	Provide the following components of instruction: Didactic instruction Skills laboratories Hospital/Clinical experience Field experience	Same as Previous Level	Same as Previous Level
E15	Student Assessment	Perform knowledge, skill, and professional behavior evaluation based on educational standards and program objectives Provide several methods of assessing achievement Provide assessment that measures, as a minimum, entry level competency in all domains	Same as Previous Level	Same as Previous Level	Same as Previous Level
E16	Program Evaluation	Provide evaluation of program instructional effectiveness Provide evaluation of organizational and administrative effectiveness of program	Same as Previous Level	Same as Previous Level	Same as Previous Level